

SUBSTITUTE SPECIFICATION

Method and System for Gas Stunning of Poultry for Slaughter

BACKGROUND OF THE INVENTION

FIELD OF INVENTION

[0001] The present invention relates to a method for gas stunning of poultry for slaughter and of the kind stated in the preamble of claim 1.

DESCRIPTION OF THE PRIOR ART

[0002] Over time, many different methods have been proposed for gas stunning of poultry for slaughter arriving at the poultry slaughterhouse in transport crates, with no remarkable success. In practice however, several parameters must be considered in order to be able to optimize a method for gas stunning of poultry for slaughter.

[0003] To optimize the method, the following parameters must be considered:

- Conveying speed (capacity of the system)
- Size and number of birds in the transport crates.
- The physical condition of the poultry flock which is determined by continuously observing variations in a stress condition or resistance of the poultry that are significant for determining the time necessary for stunning the poultry which further may vary because of conditions in broiler houses, temperatures, transport time, and waiting time in the slaughterhouse.

Entry - prepared
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